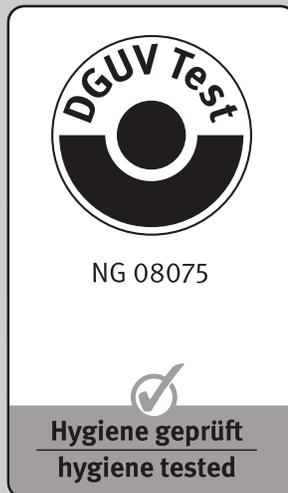


# Hygienic Design

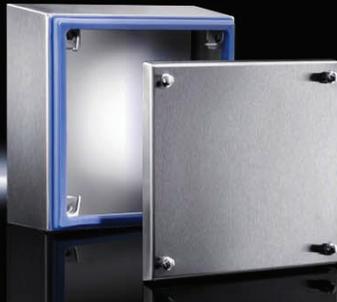
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## Small and compact enclosures HD

HD terminal boxes .....	208
HD compact enclosure .....	209
Accessories .....	210



# Hygienic Design



HD accessories Page 210 System accessories Page 613 KL stainless steel Page 217

## Material:

- Enclosure and cover: Stainless steel 1.4301 (AISI 304) 1.5 mm
- Mounting bracket: Sheet steel, zinc-plated, passivated, 2.0 mm
- Screw plug: Stainless steel
- Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600

## Surface finish:

- Enclosure and cover: Brushed, grain 400, peak-to-valley height < 0.8 µm
- Seal: Blue, dyed (RAL 5010)

## Protection category IP to IEC 60 529:

- IP 66

## Protection category IP to DIN 40 050-9:

- IP 69K

## Protection category NEMA:

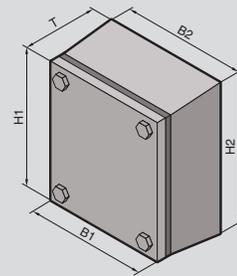
- NEMA 13
- NEMA 3R
- NEMA 4X

## Supply includes:

- Enclosure of all-round solid construction
- Cover
- Mounting bracket (pre-assembled)
- Seal and screw plug (supplied loose)

## Approvals:

- UL
- cUL



## Terminal boxes HD

	Packs of	150	150	200	300	400	400	Page
<b>Width (front) (B1) mm</b>								
<b>Width (rear) (B2) mm</b>		172	177	227	327	427	427	
<b>Height (front) (H1) mm</b>		150	150	200	200	200	300	
<b>Height (rear) (H2) mm</b>		172	177	227	227	227	327	
<b>Depth (T) mm</b>		80	120	120	120	120	120	
<b>Model No.</b>	1 pc(s).	<b>1670.600</b>	<b>1671.600</b>	<b>1672.600</b>	<b>1674.600</b>	<b>1675.600</b>	<b>1676.600</b>	
Weight kg		1.7	2.2	3.0	4.0	5.0	5.9	
<b>Accessories</b>								
Wall spacer bracket HD	1 pc(s).	4000.100	4000.100	4000.100	4000.100	4000.100	4000.100	210
Mounting plates	1 pc(s).	1560.700	1560.700	1562.700	1563.700	1564.700	1568.700	702
Support rails TS 35/7.5	10 pc(s).	2314.000	2314.000	2315.000	2316.000	2317.000	2317.000	725
Cable gland HD		see page	777					



HD accessories Page 210 System accessories Page 613 AE stainless steel Page 219 Rails for interior installation HD Page 212

### Design:

- Roof angled forwards by 30°

### Material:

- Enclosure and door: Stainless steel 1.4301 (AISI 304)
- Mounting plate: Sheet steel
- Lock inserts HD: Stainless steel 1.4404 (AISI 316L)
- Seal: Silicone, compliant with FDA Guideline 21 CFR 177.2600

### Surface finish:

- Enclosure and door: Brushed, grain 400, peak-to-valley height < 0.8 µm
- Mounting plate: Zinc-plated
- Seal: Blue, dyed (RAL 5010)

### Protection category IP to IEC 60 529:

- IP 66

### Protection category IP to DIN 40 050-9:

- IP 69K

### Protection category NEMA:

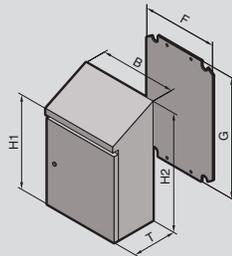
- NEMA 13
- NEMA 4X

### Supply includes:

- Enclosure of all-round solid construction
- Door with inserted seal
- Interchangeable door hinge
- Mounting plate

### Approvals:

- UL
- cUL



## Compact enclosure HD

Width (B) mm	Packs of	220	390	390	510	610	610	810	810	Page
Height (front) (H1) mm		350	430	650	550	430	650	1050	1250	
Height (rear) (H2) mm		437	549	769	669	601	769	1221	1421	
Depth (T) mm		155	210	210	210	300	210	300	300	
Mounting plate width (F) mm		162	334	334	449	549	549	739	740	
Mounting plate height (G) mm		275	355	570	470	355	570	955	1155	
<b>Model No.</b>	1 pc(s).	<b>1302.600</b>	<b>1306.600</b>	<b>1308.600</b>	<b>1307.600</b>	<b>1320.600</b>	<b>1310.600</b>	<b>1316.600</b>	<b>1317.600</b>	
Weight kg		6.6	14.7	17.9	19.7	19.7	27.4	60.1	71.0	
<b>Accessories</b>										
Wall spacer bracket HD	1 pc(s).	4000.100	4000.100	4000.100	4000.100	4000.100	4000.100	4000.100	4000.100	210
Cable gland HD		see page	777							

# Hygienic Design

## Accessories



### HD levelling feet

**Benefits:**

- Minimises cleaning time thanks to fully covered, permanently sealed threads
- Compensation of floor inclines up to an angle of 10° thanks to flexible base
- Baying can even be achieved on sloping floors, thanks to a large levelling range
- Design to EHEDG standards

**Material:**

- Stainless steel 1.4301 (AISI 304)

**Load capacity:**

- Max. 7000 N static per levelling foot

**Supply includes:**

- Assembly parts and seals

Design	Thread	Adjustment range mm	Packs of	Model No.
without base mount	M12	122 - 175	4 pc(s).	<b>4000.240</b>
with base attachment	M12	122 - 175	4 pc(s).	<b>4000.250</b>

### Wall spacer bracket HD

**Benefits:**

- Creates space for cleaning behind the enclosure.
- Shorter assembly times by eliminating the need for an all-round seal.
- Greater hygiene safety by avoiding an uncontrollable dead space or gap between the enclosure and wall.

**Functions:**

- Mounting on the wall optionally from the enclosure interior via a through-hole (max. M8) or from the rear via an integral M10 thread.

**Material:**

- Stainless steel 1.4301 (AISI 304)

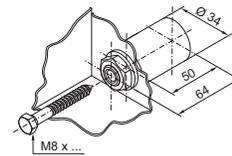
**Supply includes:**

- Assembly parts and seals

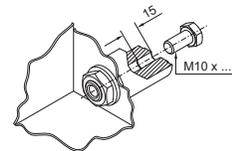
**Note:**

- Depending on the size of the enclosure, up to 4 wall spacer brackets are required to ensure sufficiently stable wall mounting

Wall distance mm	Packs of	Model No.
50	1 pc(s).	<b>4000.100</b>



Attachment from inside



Attachment from outside

### Enclosure key HD

For HD cam lock

**Note:**

- Enclosure, case and lock systems are supplied as standard with matching keys

Packs of	Model No.
1 pc(s).	<b>2549.600</b>

# Hygienic Design

## Accessories

### Bit HD

for universal key

Packs of	Model No.
1 pc(s).	2549.510



#### Also required:

- Enclosure key, see page 683



### Cam lock HD

Hygienic Design variant for easy, safe cleaning.

#### Applications:

- Compact enclosures AE stainless steel (except AE 1017.XXX and AE 1019.XXX).
- May be integrated into customised applications, e.g. covers of machine panels.

#### Material:

- Stainless steel 1.4404 (AISI 316L)

Packs of	Model No.
1 pc(s).	2304.010



#### Accessories:

- Enclosure key HD, see page 210



# Hygienic Design

## Accessories



### Rails for interior installation

#### for HD compact enclosures

For mounting on the existing threaded bolts.  
With TS system punchings on three sides.

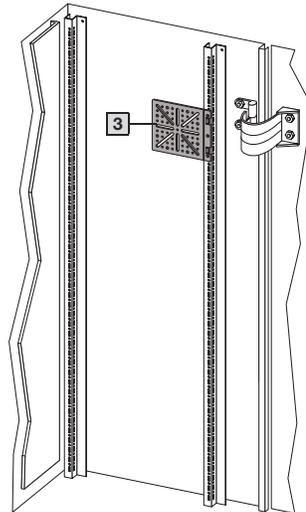
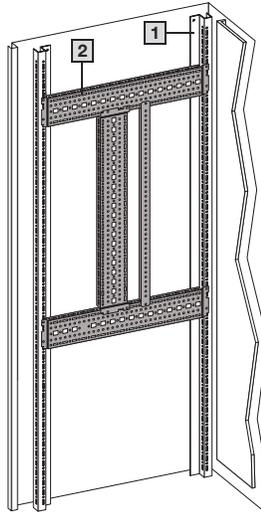
#### Material:

– Sheet steel, zinc-plated

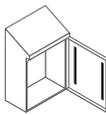
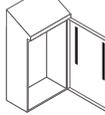
#### Supply includes:

– Assembly parts

Length mm	Packs of	Model No.	Page
510	4 pc(s).	<b>5001.050</b>	716
710	4 pc(s).	<b>5001.051</b>	716
910	4 pc(s).	<b>5001.052</b>	716
1110	4 pc(s).	<b>5001.053</b>	716



### Interior installation, door

Enclosure	1	1	1
			
Model No.	Model No.		
1316.600	5001.052	5001.050	5001.050
1317.600	5001.053	5001.051 5001.050	5001.051 5001.050

### Interior installation, enclosure

Enclosure	1	2	3
	Rails for interior installation 	TS punched section with mounting flange 17 x 73 mm 	Mounting plates 
Model No.	Model No.	Model No.	
1308.600 1310.600	5001.050	–	–
1316.600	5001.052	8612.130 (only on lock side)	8612.400 8612.410
1317.600	5001.053	8612.130 (only on lock side)	8612.400 8612.410

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